



Austin White Lime Company

CHEMICAL, BUILDING AND STABILIZATION LIME

Material Safety Data Sheet

IDENTITY (As used on Label and List)

HYDRATED LIME

Note: Blank spaces are not permitted. If any space is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

Austin White Lime Company

Emergency Telephone Number:

(512) 255-3646

Address (Number, Street, City, State and ZIP Code)

BOX 9556

Austin, TX 78768 - 9556

Telephone Number for Information:

(512) 255-0457

Date Prepared:

01-Jan-02

Section II- Hazardous Ingredients/Identity Information

Hazardous Components (Chemical Identity; Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits
Recommended

Calcium Hydroxide CAS # 1305-62-0

5Mg/M3

5Mg/M3

ACGIH TLV

Section III- Environmental Characteristics

Listed on Toxic Substances Control Act (TSCA):

No

Marine Pollutant

No

Ozone Depleting Substance (ODS):

No

RCRA listed (40 CFR Part 261, Subpart D, 1992):

No

Flash Point: 141F: Material is solid, but it is not ignitable according to 40 CFR, § 261.21 (1992)

pH: RCRA 2.0-12.5: Within acceptable range, (not corrosive)

Section IV- Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H₂O =1)

2.2-2.4

Vapor Pressure (mmHg.)

N/A

Melting Point

580C/1076F

Vapor Density (air=1)

N/A

Evaporation Rate (Butyl Acetate =1)

N/A

Solubility in Water

NEGLIGIBLE 0.07-0.185 %

Appearance & Odor

WHITE POWDER, ODORLESS

Section V- Fire and Explosion Data

Flash Point (Method Used)

N/A

Flammable Limits

LEL N/A

UEL N/A

Extinguishing Media

Use extinguishing media appropriate for surrounding fire

Special Fire Fighting Procedures

N/A

N/A

N/A

Unusual Fire and Explosion Hazards

N/A

Section VI- Reactivity Data

Stability :	Stable if no moisture or acids are present.		
Incompatibility (Materials to Avoid):	Moisture/Acids		
Hazardous Decomposition of By-products:	N/A		
Hazardous Polymerization:	Will not occur	Conditions to Avoid	N/A

Section VII- Health Hazard Data

Route(s) of Entry:	Inhalation		Dermal (skin)		Ingestion
	Yes		Yes		Yes
Health Hazards (Acute & Chronic):		Alkaline material which is soluble in water. Possible irritation of eyes, nose, throat and skin. Chemical burns may result.			
Carcinogenicity:	NTP		IARC Monographs	OSHA Regulated	
	No		*Yes	No	
Signs and Symptoms of Exposure:		Irritation and chemical burns due to alkalinity, dehydration, and thermal effects. Eyes and open wounds are particularly vulnerable.			
Conditions Aggravated by Exposure:		May irritate respiratory tract disorders			
Emergency and First Aid Procedures:					
Eye Contact: Wash eyes immediately with large quantities of water; seek medical attention if necessary.					
Skin Contact: Flush immediately with large quantities of water; seek medical attention if necessary.					
Inhalation: If breathing is impaired, remove to fresh air; seek medical attention if necessary.					
Ingestion: Seek medical attention.					

Section VIII- Precautions for Safe Handling and Use

Spill Procedures:	Keep spill area dry. Use dry techniques to collect and contain spilled material. Avoid creating dust.
Waste Disposal Method:	Dispose in accordance with all applicable federal, state and local environmental regulations.
Handling and Storage Precautions:	Keep product dry.
Other Precautions:	N/A

Section IX- Control Measures

Respiratory Protection (Specify Type):		NIOSH/MSHA certified cartridge respirator if airborne dust exceeds TLV.	
Ventilation:	Local Exhaust: Used to capture dust at source.	Special	N/A
	Mechanical (general): Keep dust concentration below TLV.	Other	N/A
Protective Gloves:	Use rubber gloves to prevent skin contact.	Eye Protection: Use tight fitting goggles.	
Other Protective Clothing or Equipment:		Eye protection, protective clothing, and respiratory protection as required.	
Work/Hygienic Practices:		Shower with soap and water after working with this product.	

Section X- Further Information

• On Health Effects:	• Other Product Information:
Safety Advisor	Chemist
P.O. BOX 9556	P.O. BOX 9556
Austin, TX 78766 - 9556	Austin, TX 78766 - 9556
(512) 388-7316	(512) 255-0457
Fax (512) 388-1220	Fax (512) 255-9360

* HYDRATED LIME is not listed on the NTP, IARC or OSHA lists of carcinogens. Crystalline silica, a component of this product, is listed by IARC but not by NTP or OSHA. IARC has determined that there is sufficient evidence for carcinogenicity to experimental animals exposed to crystalline silica and limited evidence for carcinogenicity to humans. "Limited Evidence" means that a causal relationship is possible; however, other explanations such as chance, bias or confounding factors cannot be excluded.